

## Mint of the United States at Philadelphia, Pa.,

SUPERINTENDENT'S OFFICE,

July 9, 1890.

The Orr &amp; Hers Machine Co. Ltd

Gentlemen:-

Your proposals to make and furnish  
Crown & bottom boxes for sto. 3 rolls, aluminum bronze, for  
\$215, and one full set of caps and boxes for  
No. 4 rolls (8 pieces aluminum bronze) for \$313<sup>50</sup>/<sub>100</sub>,  
are accepted according to specifications.

Also, your proposal to repair Crank in Wash  
Room, new shaft <sup>for</sup> ~~and~~ crank, and gib crank on  
both ~~sides~~ of shaft, and turn off carrier wheels  
on face for the sum of Seven <sup>52</sup>/<sub>100</sub> (\$7<sup>52</sup>/<sub>100</sub>) dollars  
is accepted.

Respectfully Yours

O. C. Porley Keel  
Supt.



Mint of the United States at Philadelphia, Pa.,

SUPERINTENDENT'S OFFICE,

....., 189 .

.....  
*Superintendent.*

**SUBJECT:**

.....  
*No. of Inclosures,* .....



March 7<sup>th</sup> 1896  
 Bronze Roll Bearing  
 Rolling Room  
 Conning Dy's

Our Estab Machine Co

has John Estab Manager

Received in full of all  
 Claims Three hundred  
 Dollars (\$300.00) for

Eight Boxes - and three

(3) not in use and not re-  
 quired were returned to

Hess and receipts taken  
 therefor - and filed with  
 the authority to pay, signed  
 by the Director of the Mint  
 dated Washington July 20/96

James E. MacRae  
 Inspector

app 9/27/90 U. S. Treasury Department.  
order # 280

Sept. 27/90

2 2 - 4 piece  
20 making crown and bottom Boxes for #3  
Rolls of Aluminum Bronze 215<sup>00</sup>

20 one full set of cups and boxes for  
#4 Rolls (8 piece) Aluminum Bronze  
\$313<sup>00</sup>

Jan 17/1891 order # 488

12 piece app. 1/17/91  
2 sets of Boxes and 1 set of cups for #5  
Rolling Machine comprising Twelve (12)  
pieces of Aluminum Bronze for 475<sup>00</sup>  
(12 Pieces)

Nov 16/91

Memorandum

Returned 5 pieces Bronze Roll Boxes  
for exchange

Nov 16/92

4 Brass Boxes for Replaced for  
old ones



Bills on W. Hess Co  
June 16/91 - 645.74  
order #488 -

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Apr 20/90  
#280 =  
#535.70

Bill Returned to -  
Mr. Rogers Aug 8/93



Wentworth -

We need, at once, boxes  
for rolls - how soon will they  
be delivered?

Very respectfully

O. B. Rosby  
Jr



The Mint of the United States at Philadelphia,  
Superintendent's Office,

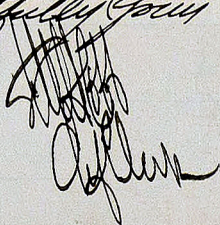
Aug 29, 1892

The O & Hess Machine Co.  
1518 Spring Garden St.  
Gentlemen:

I shall be glad to  
hear from you about the boxes  
for rolls to be replaced.

The Superintendent will be home  
on Thursday next, and it is necessary  
to have a report to lay before him. We  
are also in need of the boxes.

Respectfully Yours





87.5 copper  
8.5 tin  
3.6 zinc  
.4 lead

---

100.0



The Mint of the United States at Philadelphia,  
Superintendent's Office,

Nov. 10, 1892

The Orr & Hew Machine Co  
1578 Spring Garden St.  
Gentlemen:-

As our rolls are expected  
from Pittsburgh to-day I will thank  
you to send the boxes down to the  
Mint without delay, as we have  
no boxes for them on hand. We  
cannot grant you further delay—  
Respectfully Yours

O. C. Dabrychell  
Superintendent



The Mint of the United States at Philadelphia,  
Superintendent's Office,

Jan. 25 1863

John Hess Esq.

Dear Sir:

It is now about two months since you agreed to furnish boxes for the rolls and the necessary caps. Up to this time you have shown a greater capacity for promise than for performance, and if the stock of patience on tap here were not large - very large - it must have been exhausted long ago.

I will thank you to say, definitely, whether or not you intend to make your word good as regards replacement of the boxes and caps which failed so utterly. Seemingly you think continual evasion and delay will assist to keep our business in operation.



I assure you that you have exhausted every  
policy besides having disabused myself  
of the error that you intended to act honestly  
in making your contract for boxes and rolls  
good. We cannot do business on promises,  
and I cannot ask you to deliver the  
missing rolls or refuse to perfect your work  
and send it.

Yours Truly,

O. C. Crosby

SUPERINTENDENT.



Mint of the United States at Philadelphia, Pa.,

COINER'S DEPARTMENT,

Oct / Oct, 1874.

Mr. Jones  
dear Sir,

Please call here in  
the morning I wish to see  
you in reference to  
your bearings.

Yours  
W. Mitchell  
Coiner



Statement relating to Aluminum Bronze Boxes for Rolls. Coming Dept. ordered from Orr & Mess Machine Co., on Order #280 dated Sept. 27<sup>th</sup> 1890, and Order #488 dated Nov. 7<sup>th</sup> 1890, as per proposal of July 9<sup>th</sup>, 1890, on file in Chief Clerk's Office.

On Sept 27<sup>th</sup> 1890 the Orr & Mess Machine Co., delivered to the U.S. Mint Two Browns and Two Bottoms, (4 pieces) for No 3 Rolls and One Full Set of Caps and Boxes, (8 pieces) for No 4 Rolls, this completing Order #280, and for which they were paid \$528.<sup>25</sup>

On Jan'y 17<sup>th</sup>, 1891, the Orr & Mess Machine Co., delivered to the U.S. Mint (2) Two Sets of Boxes (16 pieces) for No 5 Rolls, and (1) Set of Caps (8 pieces), this completing Order #488, and for which they were paid \$475.<sup>00</sup>

All of the above boxes were condemned with the exception of the (2) two Browns and (2) two Bottoms for No 3 Rolls, (See Statement of Geo. F. Forney, Machinist in Charge of Rolls).

Orr & Mess Machine Co., agreed to and did furnish duplicates of all such boxes as had been condemned. These duplicates were again condemned, of which the Mint retained (2) two



Philadelphia Pa

Over & Steers Machine Co.

Correspondence referring  
to boxes for rolls -  
Amount involved \$300 -  
Date of first letter July 9-1890

Enclosures 11

Treasury Department,  
MINT OF THE UNITED STATES AT PHILADELPHIA.

Superintendent's Office,

OFFICIAL BUSINESS.

Penalty for private use, \$300.

Recd

Oct 20-97

H.E.



Statement of Geo. F. Forney, Machinist, relating to  
Brass Boxes, for Rolls.

March 30/93

The Orr & Hess Machine Co. were to fit up Two (2) full sets of Brass Boxes for # 5 Rolls. (One set consisting of 2 bottoms, 2 crowns and 4 caps.) They were to fit up <sup>one</sup> Two (2) full sets of boxes for # 4 Rolls. They were to fit up Two (2) crowns and Two (2) bottoms for # 3 Rolls and 2 Two (2) crowns for # 1 Rolls. These were all fit up and delivered to the Mint. The crowns and bottoms for # 3 Rolls were all right, all the rest were condemned and returned to Orr & Hess. (All were paid for) Orr & Hess agreed to duplicate all such as had been condemned. The duplicates were furnished but were again condemned and returned to them. They made the third attempt and of that effort the Mint has received Two (2) crowns and Two (2) bottoms. There were delivered to Orr & Hess Five (5) boxes the first shipment and Eight (8) boxes the second shipment, which were never returned to the Mint, and are Mint property.

Attest  
Miss MacKean.  
Mar 30/93 Custodian

Geo. F. Forney



Statement of  
Gen. J. Pomeroy  
Relating to  
Brass Boys for  
Rolls



ROLLING MILLS,  
JEWELERS' ROLLS,  
HARDENED  
CAST STEEL ROLLS,  
SCREW PRESSES,  
ALL KINDS OF  
STAMPING AND  
CUTTING PRESSES,  
EMBOSSING PRESSES  
FOR  
STATIONERS,  
DIE WORK IN ALL ITS  
BRANCHES,  
GOLD AND SILVER  
MELTING FURNACES,  
&c., &c.  
REPAIRING PROMPTLY  
DONE.

# ORR & HESS MACHINE COMPANY,

LIMITED,

## Engineers and General Machinists,

1518 Spring Garden Street,

Philadelphia, *Sept 30th* 1895

*Transaction* - Exchange and return of  
bronze boxes from Nov. 7th 1890 to July 12th 93.  
We made a number of bronze boxes for  
the U.S. Mint at Philada., of which some  
were accepted and some were condemned,  
16 of which we replaced with 16 new boxes  
and received 5 of the old ones back.  
We subsequently made 8 more and delivered  
them and received 8 old ones back.  
Thus leaving 11 boxes for which we have  
not been paid, and for which we render  
accompanying bills.

Very truly yours

*Or Orr & Hess Machine Co. Inc.*  
John M. Hess, Manager

To  
Supr. Major Herman Kretz  
U.S. Mint  
Philada.



The Mint of the United States at Philadelphia,  
 Superintendent's Office,

Oct 10<sup>th</sup>, 1895.

Major Henry Kutz  
 Superintendent

Sir

In reply to reference of Letter dated Sept 30/95 signed by John M. Hess Manager Orr & Hess Machine Co and endorsement of Mint Bureau signed by R E Rustin Director of the Mint, I find that the number of Bearings for Rolling Mills Coining Department furnished by Orr & Hess, Machine Co Philadelphia are thirty <sup>36</sup> ~~(37)~~ as recognized by Mr H N Webb and Foreman of Rolling Room, as shown made by Orr & Hess Co. Also I would state that no requisition from <sup>the</sup> ~~this~~ Coining Department to cover the amount as



The Mint of the United States at Philadelphia,  
Superintendent's Office,

namely — <sup>Inter</sup> ~~Elson~~ (12) Boxes, 189

Claims, has been made, ~~a~~ transcripts  
of the records as furnished by James  
E. Mac Lane, <sup>now</sup> (Inspector) ~~and dated~~  
and marked received by Mr John M. Conroy  
Assistant to the Coiner, <sup>at the time</sup> under date of Sept  
27<sup>th</sup>/90, <sup>Duplicate</sup> Bill ~~#~~ 105- amounting to \$528.20  
for 12 pieces Bronze Bearings, —  
Also Jan'y 16<sup>th</sup> Duplicate Bill #352  
amounting to \$475.00 <sup>for 12 pieces</sup> = making a  
total of 24 pieces as per request  
and official order, as per records  
showing that <sup>Inter</sup> ~~12~~ 14 Bronze Bearings  
on hand as recognized, were not  
paid for, and no authority from  
this department to do so —

This draft of letter made for Coiner W.E. Morgan  
by J.E. Mac Lane from records and statements  
attached — Oct 10/95 J.E. Mac Lane



## SPECIALTIES.

ROLLING MILLS,  
JEWELERS' ROLLS,  
HARDENED  
CAST STEEL ROLLS,  
SCREW PRESSES,  
ALL KINDS OF  
STAMPING AND  
CUTTING PRESSES,  
EMBOSSING PRESSES  
FOR  
STATIONERS,  
DIE WORK IN ALL ITS  
BRANCHES,  
GOLD AND SILVER  
MELTING FURNACES,  
&c., &c.  
REPAIRING PROMPTLY  
DONE.

# ORR & HESS MACHINE COMPANY,

LIMITED,

## Engineers and General Machinists,

1518 Spring Garden Street,

JOHN M. HESS, Manager.

Philadelphia, October 10th 1895.

Supt. Herman Kretz  
U.S. Mint, Philada.

Dear Sir:

Your favor of the 10th inst. received, and in reply would state that we made the following bronze boxes for the U.S. Mint, as per orders recd. from the late Supt. O. B. Roslynshell.

The orders were returned by us to the Mint when the bills were paid, as follows:

Sept. 27th, 1890.

2 pair of crown & 2 bottoms for No 3. Rolls 215.00

One full set of caps & boxes for No. 4. Rolls  
comprising 8 pieces } 313.20

Decr 31st, 1890.

4 bottom & 4 top boxes, 2 bottom & 2 top  
caps for No 5. Rolls (12 pieces) 475.00  
1003.20

Fifteen of the above were condemned and 5 returned to us, to use as patterns in making 16 more, which we made and delivered at



the 11th, Decr 19th 1891.

The 16 sent over Decr 19th 91, were also condemned and 8 boxes returned to us, to use as patterns in making 16 more.

We positively refused to make this number again as we insisted that they were all right and had not been given a proper trial in our presence, as we knew they had not properly been fitted in the mill.

We subsequently made 4 boxes which we delivered Novr. 16th 1892, which they refused to try without the 4 caps.

We made and delivered the 4 caps July 12th/93.

The last date in the transaction, is the date of which we made our bill for the 11 boxes, which we contend in equity we should be paid for.

Yours very truly

Osprey Rees Machine Co. Ltd.  
John W. Rees, Manager



US Mint August 22/94

Dr Eugene Townsend  
Superintendent

Sir

I have the honor to report a matter pertaining to the Rolls used in the Rolling Room, By inventory I find as follows

8- Pair Cast Steel Rolls (not in service)

Made by The Frithenay Manfg Co Pittsburgh Pa

1- Pair Cast Steel Rolls (In service)

made by Miller Barr & Partner Pittsburgh Pa

3- Pair "Krupp" (English Cast Steel Rolls) In service

Matter not known to Machine Shop data

4- Pairs <sup>10"</sup> Chilled Iron Rolls (not in service)

Made by Garrison & Co Pittsburgh Pa

1- Pair 10" Chilled Rolls (not in service)

Made by James Moore (Phila del)

Nos 1, 2, and 4 Rolls have Bronze Bearings, also on hand Bronze Bearings for Relief in case of accident or excessive wear.

Nos 3 & 5 have Bronze Bearings and no Relief -



-Bronze Bearings. The Firm of Pedrick and Ayer have furnished Bronze Bearings as per sample Bronze submitted to our late Master Machinist Samuel Jones, and approved by the late Superintendent Col O. C. Bostyshell, no guarantee that the above <sup>Bearings</sup> would perform all the work required. but from all connected with the matter it was settled that the Bronze Bearings would be correct. After a trial it was found they would not suit for heavy work. the stone was too hard for the metal or composition used. I would say previous to this. The Orr & Stess Machine Co. John Stess manager furnished Bronze Bearings and guaranteed the Bronze composition used and this proved a failure and they (Orr & Stess Co) over the Mint to day about 8. pieces of Bronze Bearings that was to be reversed and returned. This they did not do - A defense is made by Mr John Stess that he was not treated fairly and after repeated demands upon him and asking Mr Stuck the Carver who is a personal friend of Mr Stess. to recom-



- must what should or could be done in the  
 matter that it could be adjusted. Mr Hesse  
 was paid in full on account of the approval  
 of the Bill for Bronze Bearings and was  
 accepted by the Coiner and his foreman  
 of Rolling Room Mr Webb as correct.  
 I still hold the matter as <sup>a</sup> claim against  
 Mr Hesse - the claim I think a worthless  
 one, as regards any encouraging thought  
 of collecting in money value - but there is  
 a bare possibility of Mr Hesse producing  
 the Bronze Bearings or equivalent, and would  
 recommend to cover all this matter, you ask  
 Mr Steel to make a report to you as to <sup>Condition</sup>  
 of the Rolls in use, <sup>and on hand</sup> and Condition of same,  
 and the Bronze Bearings on hand and in use  
 for such Rolls as he may describe, & Condition <sup>also</sup>  
 Also the number of Rolls not in use and fit for  
 service at any time, and the proper Bronze  
 bearings for same not in use and fit for  
 service - I make this report with the sugges-  
 tion - so to provide for any Emergency that  
 may occur - as to increased Coinage or any  
 accident. That would necessitate the calling into



Service something that would delay any order  
you may receive from the Director.

As I view the matter, I would recommend  
that proper Persons that prepare or make  
Bronze Bearings for Ralls be invited to  
bid for a complete set or sets of Bearings  
for all the Ralls. so that we may have  
at any time on hand a complete relief  
of Bearings - To make these Bearings it  
requires some time and while our  
work is light and little to do, I think  
would be an opportune time to prepare  
for the emergency if should arise

Very Respectfully  
James Ellasfane  
Inspector



brams and (2) two Bottoms.

Of the condemned Boxes there were returned to the Orr & Hess Machine Co. (5) Five pieces on Nov. 16<sup>th</sup> 1891, and 8 pieces on June 30<sup>th</sup> 1892 which were never returned.

Summary:-

Number of pieces on Orders # 280 <sup>2</sup> & # 488	36
" " " Received	36
" condemned	32
" Accepted <u>4</u> No 3 Rolls	36
" Done 32	36
" Retained out of 2 <sup>nd</sup> set of Duplicates 4 condemned	
" Returned to Orr & Hess.	13
" On Hand at the Mint	15
" At per # 3 accepted	<u>4</u> 36

James E. MacLane  
Custodian

H. B. Keller  
Weigher

May 23<sup>rd</sup> 1894.

(2) Oct 11/95

Clear (11) Bronze Boxes on hand as per Statement and not paid for. No authority to pay same and no Request on file etc. 11. Bronze Boxes or Bearings formally accepted by Wm. E. Morgan Coroner on this date see O. R. B. Dupl to Director  
Oct 11/95 Mackay

19  
13  
32



NARA RG104, Entry 1, Box 163

[First Letter:]

Mint of the United States at Philadelphia, Pa.  
Superintendent's Office,  
July 9, 1890

The Orr & Hess Machine Co. Ltd.

Gentlemen: -

Your proposals to make and furnish crown & bottom boxes for to 3 rolls, aluminum bronze, for \$215, and one full set of caps and boxes for No. 4 rolls (8 pieces aluminum bronze) for \$313.20 are accepted accounting to specifications.

Also, your proposal to repair crown in Wash Room, new shaft for crank, and fib crank on both sides of shaft, and turn off carrier wheels on face for the same of Seven 53/100 (\$7.50) dollar is accepted.

Respectfully yours,  
O.C. Bosbyshell  
Supt.

[Handwritten note on back:]

Return to Orr & Hess. Co.



NARA RG104, Entry 1, Box 163

[Second Letter:]

March 16, 1896

Bronze Roll Bearing  
Rolling Room  
Coining Dep't.

Orr & Hess Machine Co.  
John Hep, Manager

Has received in full of all claim three hundred dollars (\$300.00) for eight boxes – and three (3) not in use and not required were returned to Hess and receipt latter therefore – used filed with the authority it pay, signed by the Director of the Mint dated Washington July 20, 1896.

James E. MacLaue  
Inspector



NARA RG104, Entry 1, Box 163

[Third Letter:]

U.S. Treasury Department.

App 9/27/90

Order #280

Sept. 27/90    2       2       -4 piece

20 Making crown and bottom Boxes for #3

Rolls of Aluminum Bronze    215.00

So one full set of cups and boxes for #4 Rolls (8 pieces) aluminum Bronze

\$313.00

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Jan 17 /1891 Order #488

12 pieces

App. 1/17/91

2 sets of Boxes and 1 set of cups for #5

Rolling machine comprising twelve (12)

Pieces of aluminum Bronze for 475.00

(12 Rolls)

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Nov 16 / 91

MEM

Returned 5 pieces Bronze Roll Boxes for Exchange

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Mov. 16 / 92

4 Brass Boxes for Replaced for old order.

1 Due



NARA RG104, Entry 1, Box 163

[Fourth Letter:]

Bells on and Hess Co.

July 16, 1891 – 645.76

Order #488

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Sept. 20, 1890

#280 = \$535.70

Bills returned to Mrs. Royal Any 8 / 93

[Fifth Letter:]

Gentlemen-

We need, at once, boxes for rolls – how soon will they be delivered?

Very respectfully,  
O.C. Bosbyshell  
Supt.



NARA RG104, Entry 1, Box 163

[Sixth Letter:]

The Mint of the United States at Philadelphia,  
Superintendent's Office,  
August 29, 1892

The Orr & Hess Machine Co.  
1578 Spring Garden St.

Gentlemen:

I shall be glad to hear from you about the boxes for rolls to be replaced. The Superintendent will be home on Thursday next, said it is necessary to have a report to lay before him. We are also in need of the boxes.

Respectfully yours,  
H. Cobb  
Assistant Clerk

[Written on back of Sixth Letter:]

87.5 copper  
8.5 tin  
3.6 zinc  
.4 lead  
100.0



NARA RG104, Entry 1, Box 163

[Seventh Letter:]

The Mint of the United States at Philadelphia,  
Superintendent's Office,  
November 10, 1892

The Orr & Hess Machine Co.  
1578 Spring Garden St.

Gentlemen:

As our rolls are expected from Pittsburgh to day I will thank you to send the boxes down to the Mint without delay as we have no boxes for them on hand. We cannot grant any further delay.

Respectfully Yours  
O.C. Bosbyshell  
Superintendent

[Eighth Letter:]

The Mint of the United States at Philadelphia,  
Superintendent's Office,  
January 25, 1893

John Hess, Esq.

Dear Sir:

It is now about two months since you agreed to furnish boxes for the rolls and the necessary caps. Up to this time you have shown a greater capacity for promise than for performance, and if the stock of patina on tap here were not large – very large – it must have been exhausted long ago.

I will thank you to say, definitely, whether or not you intend to make your word good as your replacement of the boxes and caps which failed so utterly. Seemingly you think continued evasion and delay will assist to keep our business in operation.

I assure you that you have exhaust my patience besides having disabused my mind of the error that you intended to act honorably in making your contract for boxes and rolls good. We cannot do business on promises, and I still ask you to either deliver the missing caps or refuse to perfect your work and end it.

Yours Truly,  
O.C. Bosbyshell, Superintendent



[Ninth Letter:]

Mint of the United States at Philadelphia, Pa.  
Coiner's Department,  
October 10, 1894

Mr. John Hess

Dear Sir:

Please call here in the morning. I wish to see you in reference to roll bearings.

Yours Re.  
N.S. Steel  
Coiner

[Tenth Letter:]

Statement relating to Aluminum Bronze Boxes for Rolls, Coining Dept., ordered from Orr & Hess Machine Co., on Order #280 dated Sept. 27th 1890, and Order #488 dated November 7th 1890, as per proposal of July 9th, 1890, on file in Chief Clerk's Office.

On September 27th 1890 the Orr & Hess Machine Co., delivered to the U.S. Mint Two Crowns and Two Bottoms, (4 pieces) for No. 3 Rolls and One Full Set of Caps and Boxes, (8 pieces) for No. 4 Rolls, this completing Order #280, and for which they were paid \$528.20.

On January 17th, 1891, the Orr & Hess Machine Co., delivered to the U.S. Mint (2) Two Sets of Boxes (16 pieces) for No. 5 Rolls, and (1) Set of Caps (8 pieces), the completing Order #488, and for which they were paid \$475.00.

Half of the above boxes were condemned with the exception of the (2) Two Crowns and (2) two Bottoms for No. 3 Rolls, (See statement of Geo. F. Forney, Machinist in charge of Rolls).

Orr & Hess Machine Co., agreed to and did furnish duplicates of all such boxes as had been condemned. These duplicates were again condemned, of which the Mint retained (2) two



NARA RG104, Entry 1, Box 163

[Eleventh Letter, written on an envelope:]

800 ½ Rec'd March 16, 1890

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Philadelphia, Pa.

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Orr & Hess Machine Co.

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Correspondence referring to boxes for rolls – amount involved \$300 – date of first letter July 9, 1890

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Enclosures 11

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Rec'd October 20 – 97  
S.F.E.



[Twelfth Letter:]

March 30, 1893

Statement of Geo. F. Forney, Machinist, relating to Brass Boxes for Rolls.

The Orr & Hess Machine Co., were to fit up Two (2) full sets of Brass Boxes for #5 Rolls. (One set consisting of 2 bottoms, 2 crowns and 4 caps.) They were to fit up one full sets of boxes for #4 Rolls. They were to fit up Two (2) crowns and Two (2) bottoms for #3 Rolls and Two (2) crowns for #1 Rolls. These were all fit up and delivered to the Mint. The crowns and bottoms for #3 Rolls were all right. All the rest were condemned and returned to Orr & Hess. (All were paid for) Orr & Hess agreed to duplicate all such as had been condemned. The duplicates were furnished but were again condemned and returned to them. They made the third attempt and of that effort the Mint has received Two (2) crowns and Two (2) bottoms. There were delivered to Orr & Hess Five (5) boxes the first shipment and Eight (8) boxes the second shipment, which were never returned to the Mint, and are Mint property.

Geo. F. Forney

Witnessed: James E. MacLaue  
March 30, 1893, Custodian

[Noted on the back:]

Statement of Geo. F. Forney relating to Brass Boxes for Rolls.

[Thirteenth Letter:]

Orr & Hess Machine Company,  
Engineers and General Machinists,  
Philadelphia,  
September 30, 1895

Transastion [sic] = Exchange and return of bronze boxes from Nov. 7th, 1890 to July 12th, 1893. We made a number of bronze boxes for the U.S. Mint at Philadelphia of which some were accepted and some were condemned, 10 of which we replaced with 16 new boxes and received 5 of the old ones back. We subsequently made 8 more and delivered them and received 8 old one back. Thus leaving 11 boxes for which we have not been paid, and for which we render accompanying bills.

Very truly yours,  
Orr & Hess Machine Company  
J.M. Hess, Manager

To Sup't Major Herman Kretz, U.S. Mint, Philadelphia



[Fourteenth Letter:]

The Mint of the United States at Philadelphia,  
Superintendent's Office,  
October 10, 1895

Maj. Herman Kretz  
Superintendent

Sir

In reply to reference of letter dated Sept. 30, 1895 signed by John M. Hess Manager Orr & Hess Machine Co and endorsement of Mint Bureau signed by R.E. Prestin, Director of the Mint. I find that the number of Bronzed Bearing for Rolling Mills Coining Department furnished by Orr & Hess Machine Co. Philadelphia are Thirty Six (36) as recognized by Mr. N.H. Webb, Forman of Rolling Room, as those made by Orr & Hess Co. Also I would state that no requisition from the Coining Department to cover the amount as claimed namely – twelve (12) boxes has been made. Transcripts of the records as furnished by James E. MacLaue (Inspector) and marked received by Mr. John M. Pening, Assistant to the Coiner at the Mint under date of September 27th , 1890 Duplicate. Bill #105 – amounting to \$528.20 for 12 pieces Bronze Bearings. Also January 16th Duplicate – Bill #352 amounting to - \$475.00 for 12 pieces = making a total of 24 pieces as per requested and official order, as per records showing that silver 11 Bronze Bearings on hand as recognized were not paid for, and no authority from this department to do so.

This draft of letter made for Coiner W.E. Morgan by J.E. MacLaue from records and statement attached. October 10, 1895.

J.E. MacLaue



NARA RG104, Entry 1, Box 163

[Fifteenth Letter:]

Orr & Hess Machine Company,  
Engineers and General Machinists,  
Philadelphia,  
October 11, 1895

Supt. Herman Kretz  
U.S. Mint Philadelphia

Dear Sir:

You favor of the 10th inst. received and in reply would state that we made the following bronze boxes for the U.S. Mint, as per orders rec'd from the late Supt. O.C. Bosbyshell.

The orders were returned by us to the Mint when the bills were paid, as follows:

September 27th, 1890	
2 pair of crown & 2 bottoms for No. 3 Rolls	215.00
One full set of caps & boxes for No. 4 Roller	
Comprising 8 pieces	313.20
December 31st, 1890	
4 bottom & 4 top boxes, 2 bottom & 2 top	
Cape for No. 5. Rolls (12 pieces)	<u>475.00</u>
	\$1003.20

Sixteen of the above were condemned and 5 returned to us, to use as patterns in making 16 more, which we made and delivered at the Mint, December 19th, 1891. The 16 sent were December 19th / 91, were also condemned and 8 boxes returned to us, to use as patterns in making 16 more.

We positively refused to make this number again as we insisted that they were all right and had not been given a proper trial in our presence, and we knew they had not properly been fitted in the mill.

We subsequently made 4 boxes which we delivered. November 16th, 1892, which they refused to try without the 4 caps.

We made and delivered the 4 caps July 12th / 93. The last date in the transaction is the date of which we made our bill for the 11 boxes, which we contend in equity we should be paid for.

Yours very truly,  
Orr & Hess Machine Co.  
John M. Hess, Manager



[Sixteenth Letter:]

U.S. Mint, August 22 / 94

Dr. Eugene Townsend  
Superintendent

Sir

I have the honor to report a matter pertaining to the Rolls used in the Rolling Room, by inventory I find as follows:

8- Pair cast steel rolls (not in service)

Made by the Truhirray Manif'g. Co. Pittsburgh Pa.

1 – Pair cast steel rolls (In service)

Made by Miller Barr and Parker, Pittsburgh, Pa.

3 – pair “Krupp” (English Cast Steel Rolls) In service

Maker not known to machine shop data

4 – Pairs 10” chilled from Rolls (not in service)

Made by Garrison and Co. Pittsburgh Pa.

1- Pair 10” chilled Rolls (not in service)

Made by James Moore (Philadelphia)

Nos. 1. 2. And 4 Rolls have Bronze Bearings, also on hand Bronze Bearing for Relief in care of accident or excessive wear.

No. 3 and 5 have Bronze Bearings and no Relief – Bronze Bearings.

The Firm of Pedrick and Ayer have furnished Bronze Bearings as per sample Bronze submitted to our late master machinist Samuel James, and approved by the late Superintendent Col. O.C. Bosbyshell, no guarantee that the above Bearings would perform all the work required, but from all connected with the mater it was settled that the Bronze Bearings would be correct. After a trial it was formed they would not suit for heavy work. The beam was too hard for the metal in composition used. I would say previous to this. The Orr and Hess Machine Co. John Hess, manager, furnished Bronze Bearings and guaranteed the Bronze composition used and this proved a failure and they (Orr and Hess Co.) owe the Mint to day about 8 pieces of Bronze Bearings that was to be renewed and returned. This they did not do – a defense is made by Mr. John Hess that he was not treated fairly and after repeated demands upon him and asking Mr. Steel the Coiner who is a personal friend of Mr. Hess to recommend what should or could be done in the matter it could be adjusted. Mr. Hess was paid in full on account of the approval of the Bill for Bronze Bearings and was accepted by the Coiner and his foreman of Rolling Room Mr. Webb as correct.

I still hold the matter as a claim against Mr. Hess – the claim I think a worthless one, as regards any encouraging thought of collecting in money value, but then is a bare possibility of Mr. Hess producing the Bronze Bearings or equivalent, and would recommend to cover all this matter, you ask Mr. Steel to make a report to your ask to the Rolls in use and on hand and consideration of same, and the Bronze Bearings on hand and in use for such Rolls as he may describe, & condition also. Also the number of Rolls not in use and fit for service at any time, and the proper



Bronze bearings for same not in use and fit for service. I make this report with the suggestion – so to provide for any emergency that may occur – as to increased coinage or any accident that would necessitate the calling into service something that would delay any order you may receive from the Director.

As I view the matter, I would recommend that proper Finns that perform or make Bronze Bearings for Rolls be invited to bid for a complete set or set of Bearings for all the Rolls so that we may have at any time on hand a complete relief of Bearings – To make these Bearings it requires some time and while our work is light and little to do. I think would be an opportune time to prepare for the emergency if should arise.

Very Respectfully  
James E. MacLaue  
Inspector

[Seventeenth Letter:]

Crowns and (2) two Bottoms.

Of the condemned Boxes there were returned to the Orr & Hess Machine Co., (5) Five pieces on Nov. 16th 1891, and 8 pieces on June 30th 1892 which were never returned.

Summary: -			
	Number of pieces on Orders #280 and #488		36
“	“	“	Received
			36
“	Condemned	32	
“	Accepted	<u>4</u> No. 3 Rolls	36
“	Dime	32	36
“	Retained out of 2nd Set of Duplicates 4 condemned		
“	Returned to Orr & Hess	13	
(?)	“	On hand at the Mint	15
	“	As per #3 accepted	<u>4</u> 36

James E. MacLaue  
Custodian

H.B. Keller  
Weigher

May 23rd 1894



NARA RG104, Entry 1, Box 163

(?) Oct. 11 / 95

Eleven (11) Bronze Boxes on hand as per statement and not paid for. No authority to pay sum and no requisition on file the 11. Bronze Boxes or Bearing formally accepted by William E. Morgan, Coiner, on this date see O.C.B. Supt. to Director MacLaue. Oct. 11 / 95